

ABSTRACT

In a thin film transistor-based resistive-type fingerprinting touch screen panel, the size of the contact metal layer connecting the drain electrode of the TFT and the ITO sensing electrode in each of the pixel regions of the touch screen panel is reduced, thus increasing the aperture of the pixel region. Having a greater aperture, more of the backlighting from the LCD display panel usually positioned behind the touch screen panel is transmitted through the touch screen panel, making that region brighter.